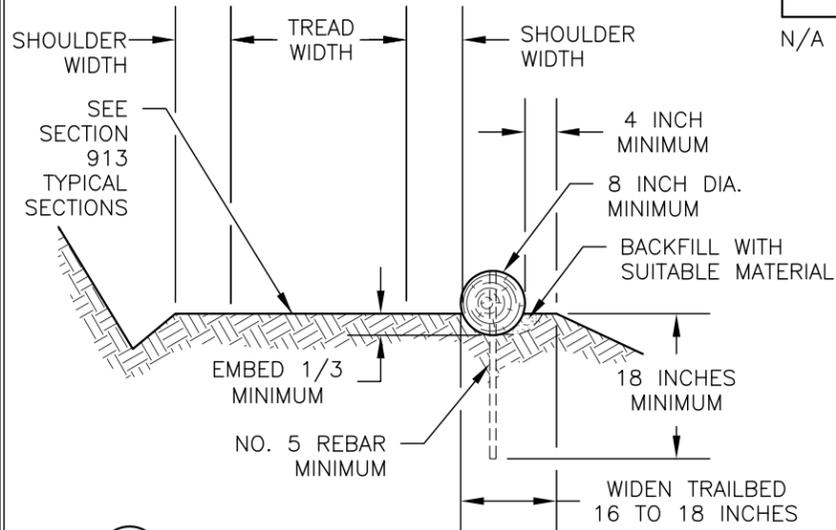


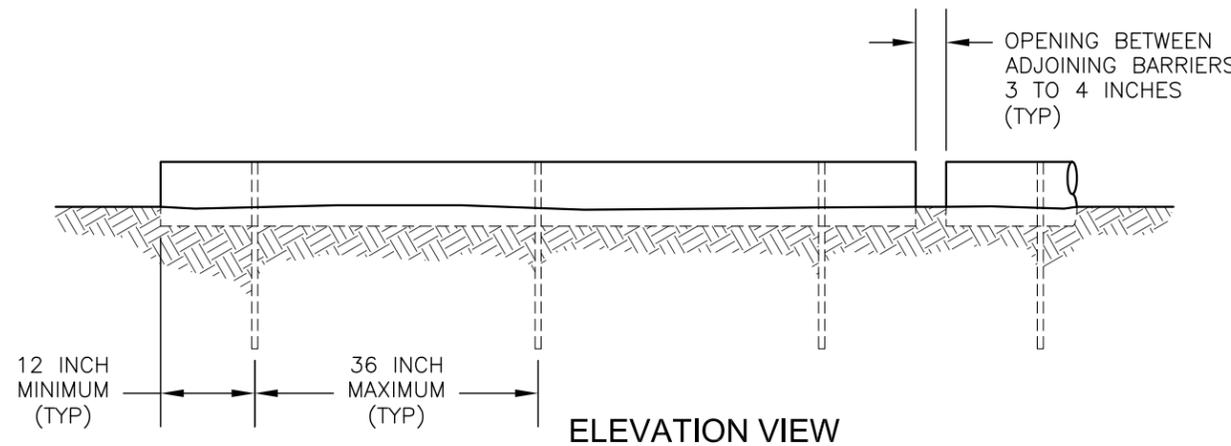
BARRIER RAIL ON GRADE

BARRIER RAIL					
TYPICAL ID	SECTION TYPE	SIZE	SPECIES	PRESERV. TYPE	COMMENTS
BRG-1				P	

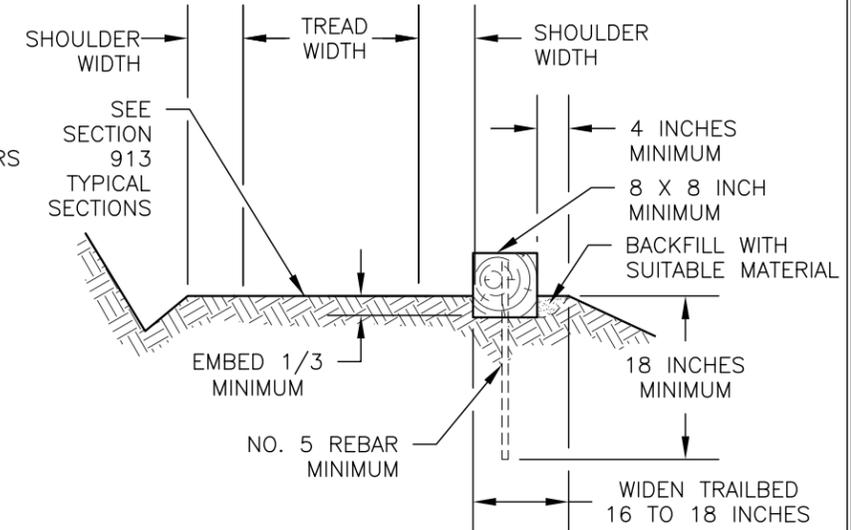
N/A WHEN NOT APPLICABLE



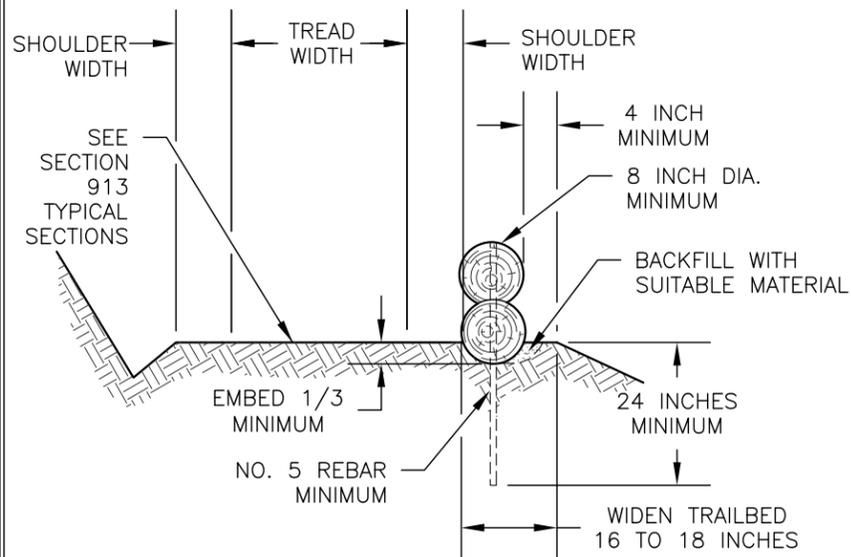
A TYPICAL ONE LOG SECTION



ELEVATION VIEW



C TYPICAL ONE TIMBER SECTION



B TYPICAL TWO LOG SECTION
TOP LOG SHALL BE SCRIBED AND NOTCHED TO LOWER LOG WHEN SPECIFIED

PRESERVATIVE TREATMENT - (REFER TO AWPA USE CATEGORY SYSTEM)			
PRESERVATIVE TYPE	TREATMENT TYPE	USE CATEGORY	COMMENTS
P1	WB	UC4A	
P2	WB	UC3B	
P3			

TREATMENT TYPE

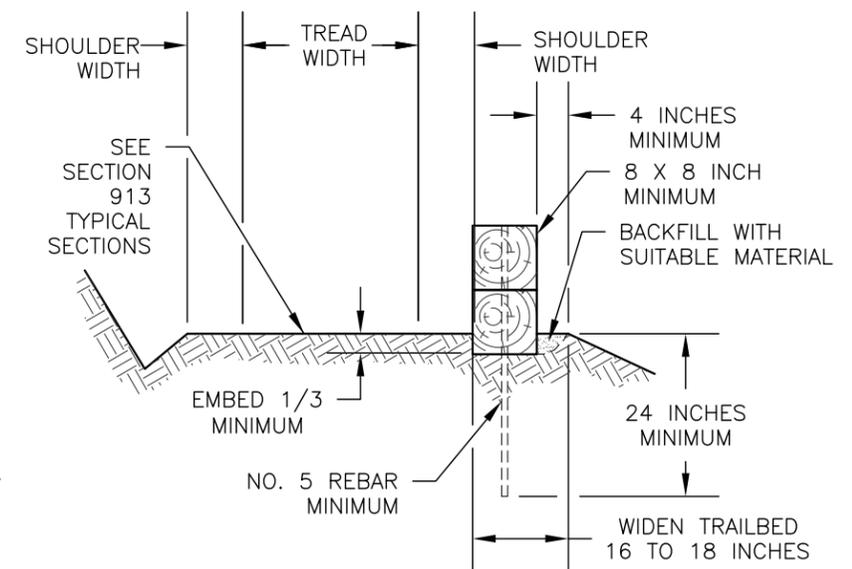
WB = WATERBORNE
OT = OIL-BORNE

USE CATEGORY

UC3B = ABOVE GROUND - EXPOSED
UC4A = GROUND CONTACT - GENERAL USE
UC4B = GROUND CONTACT - HEAVY DUTY

NOTES:

1. PRE-DRILL HOLES FOR REBAR TO PREVENT SPLITTING OF LOGS OR SAWN TIMBERS. RECESS END OF REBAR 1/2 INCH BELOW TOP OF TIMBER.
2. PLACE REBAR 6 INCHES FROM EACH END OF TIMBER WITH MAXIMUM SPACING OF 36 INCHES. FOR STACKED RETAINERS STAGGER JOINTS 24 INCHES MINIMUM.
3. COMPACT BACKFILL IN 6 INCH LIFTS UNTIL NO VISUAL DISPLACEMENT.
4. FIELD TREAT ALL FIELD CUTS AND PRE-DRILLED HOLES.
5. REMOVE AND DISPOSE OF DUFF AND TOP ORGANIC LAYERS DOWN TO MINERAL SOIL.



D TYPICAL TWO TIMBER SECTION